

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of controlling a peripheral device repeater in a radio communication system comprising network elements and subscriber stations in data transmission connection with each other via said repeater, and a subscriber station management system supervising and controlling the operation of the subscriber stations by control signals, wherein

~~and in which method said peripheral device repeater is connected to a subscriber station, characterized in that the method comprises the steps of:~~
~~arranging control means are arranged~~ to the subscriber station for controlling and supervising the peripheral device repeater, and

~~the repeater is controlled controlling the peripheral device by means of the subscriber station management system by transmitting control signals from the subscriber station management system via a radio path to the control means of the subscriber station, in response to which control signals the control means control and supervise the operation of the peripheral device repeater.~~

2. (Currently Amended) A method as claimed in claim 1,
~~characterized by wherein said communication system being a radio system, and the network elements consist consisting of base stations, whereby the control signals transmitted from the subscriber station management system are transmitted via the radio path to said subscriber station.~~

3. (Currently Amended) A method as claimed in claim 1, ~~characterized by wherein~~ the control means arranged to the subscriber station comprise comprising at least a memory and processing means, the method further comprising ~~the steps of:~~

~~storing a control program in the memory of the subscriber station to control the peripheral device repeater, and~~

~~adapting the processing means to control the peripheral device repeater on the basis of the control program stored in the memory and the control signals transmitted by the subscriber station management system.~~

4. (Currently Amended) A radio communication system comprising:
subscriber stations (2, 3, 16, MS) comprising means for transmitting and receiving

telecommunication signals on a radio path,

network elements (BTS1, BTS2) in data transmission connection with the subscriber stations by radio signals via a repeater,

~~a subscriber station management system (8) comprising means for controlling and supervising the operation of the subscriber stations (2, 3, 16) by means of the network elements, and~~

at least one subscriber station (16), to which a peripheral device (15) said repeater is connected, ~~e-h-a-r-a-e-t-e-r-i-z-e-d~~ in that

~~a subscriber station management system comprising means for controlling and supervising the operation of the subscriber stations by means of the network elements, and the subscriber station management system (8) comprises means for controlling and supervising the peripheral device (15) repeater connected to the subscriber station (16) by means of control signals (CNT3) transmitted to the subscriber station by radio signals (16).~~

5. (Currently Amended) A communication system as claimed in claim 4, ~~e-h-a-r-a-e-t-e-r-i-z-e-d~~ in that wherein said communication system is a radio system, that the network elements are base stations, (BTS1, BTS2) which are in data transmission connection with the subscriber stations via radio signals, and that the control signals (CNT3) of the management system (8) are transmitted to said subscriber station via the radio path.

6. (Currently Amended) A communication system as claimed in claim 4, ~~e-h-a-r-a-e-t-e-r-i-z-e-d~~ in that wherein said subscriber station (16) is a WLL terminal, and that said subscriber station management system is the management system (8) of the WLL terminals.

7. (Currently Amended) A communication system as claimed in claim 4, ~~e-h-a-r-a-e-t-e-r-i-z-e-d~~ in that wherein the subscriber station (16) comprises control means (17, 18) for controlling and supervising the operation of the peripheral device (15) repeater connected to a control bus (20) in the subscriber station, and that the subscriber station management system (8) comprises means for controlling the control means (17, 18) of the subscriber station via the control signals (CNT3) to be transmitted to the subscriber station (16).

8. (Currently Amended) A communication system as claimed in claim 4, ~~e-h-a-r-a-e-t-e-r-i-z-e-d~~ in that wherein the subscriber station (16) comprises processing means (18), a memory (17) and means (19) for storing a predetermined control program of the peripheral device in the memory, whereby the processing means (18) control said peripheral device (15) on the basis of the program stored in the memory (17) and the control

signals (CNT3) conveyed by the subscriber station management system-(8).

9. (Currently Amended) A subscriber station (16) in a communication system comprising:

means (TRX) for transmitting and receiving telecommunication signals over a radio path in order to set up a data transmission connection to the other parts of the system,

means for controlling the operation of the subscriber station in response to received control signals received via the radio path (CNT3) and for transmitting data on the state of the subscriber station to the other parts of the system via the radio path, and

connecting means (20) for connecting ~~the a peripheral device repeater~~ to the subscriber station, ~~characterized by~~ and

~~the subscriber station (16) comprising control means which in (17, 18) responsive to the received control signals received via the radio path to control and supervise the operation of the peripheral device (15) repeater which is connected to the subscriber station, in response to the control signals (CNT3).~~

10. (Cancelled)

11. (Currently Amended) A subscriber station as claimed in claim 9, ~~characterized in~~ wherein that said subscriber station (16) is a WLL terminal, and that said control means (17, 18) control the operation of the peripheral device (15) repeater connected to the subscriber station in response to the control signals (CNT3) received from the a management system (8) of the WLL terminals via the radio path.

12. (Currently Amended) A subscriber station as claimed in claim 9, ~~characterized in~~ thatwherein the subscriber station (16) comprises processing means (18), a memory (17) and means (19) for storing a predetermined control program of the peripheral device repeater in the memory (17), whereby the processing means (18) control said peripheral device repeater on the basis of the program stored in the memory (18) and the control signals (CNT3) conveyed by the a management system (8).

13. (Cancelled)